



BOARD OF COMMISSIONERS

1 S. Main St., 9th Floor
Mount Clemens, Michigan 48043
586-469-5125 FAX 586-469-5993
macombcountymi.gov/boardofcommissioners

HEALTH SERVICES COMMITTEE

THURSDAY, AUGUST 7, 2008

AGENDA

1. Call to Order
2. Pledge of Allegiance
3. Adoption of Agenda
4. Public Participation
5. Report from Water Quality Board (mailed)
6. Prosecutor's Environmental Unit Report for July, 2008 (mailed)
7. S.W.I.M. Team Report for June, 2008 (mailed)
8. Authorize Health Department to go out on Bid for Professional Services Pursuant to a Current MDEQ Water Quality Monitoring Grant (mailed)
9. Authorize Extension of Environmental Consulting & Technology's Existing Contract for Drinking Water Protection Project (mailed)
10. Progress Report Re: Animal Shelter (mailed)
11. New Business
12. Public Participation
13. Adjournment

MEMBERS: DeSaele-Chair, Camphous-Peterson-Vice-Chair, Rocca, J. Flynn, Roberts, Torrice, Switalski, Drolet, Rengert, Mijac, Brdak, Gielegem, Doherty and Crouchman (ex-officio)

MACOMB COUNTY BOARD OF COMMISSIONERS

William A. Crouchman
District 23
Chairman

Dana Camphous-Peterson
District 18
Vice-Chair

Leonard Haggerty
District 21
Sergeant-At-Arms

Andrey Duzyj - District 1
Marvin E. Sauger - District 2
Phillip A. DiMaria - District 3
Jon M. Switalski - District 4
Susan L. Doherty - District 5

Joan Flynn - District 6
Sue Rocca - District 7
David Flynn - District 8
Robert Mijac - District 9
Phillis DeSaele - District 10

Ed Szczepanski - District 11
Peter J. Lund - District 12
Don Brown - District 13
Brian Brdak - District 14
Keith Rengert - District 15

Carey Torrice - District 16
Ed Bruley - District 17
Paul Gielegem - District 19
Kathy Tocco - District 20

Betty Slinde - District 22
Sarah Roberts - District 24
Kathy D. Vosburg - District 25
Leon Drolet - District 26

RESOLUTION NO. _____

MEETING DATE:

AGENDA ITEM:

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Receive and file a report of the Macomb County Water Quality Board

INTRODUCED BY: Commissioner Philis DeSaele, Chairperson, Health Services Committee

A meeting of the Macomb County Water Quality Board was held on July 8, 2008. After discussion involving the use of pervious surfaces in a location in Lenox Township and a statement by former Chairman of the Macomb County Board of Commissioners, John Hertel, that current requirements mandating asphalt surfaces must be changed to allow for the use of pervious surfaces to protect water quality and wetlands. The Water Quality Board unanimously passed a resolution endorsing the use of pervious surfaces on roads, streets, parking lots, driveways, etc. The Board also directed a communication be sent to minor jurisdictions, their Planning Boards and Variance Committees strongly encouraging the change in regulations to allow the use of pervious surfaces.

Mr. Steve Lichota, Associate Director, Environmental Health Division presented a report on wet weather and the increase in *E.coli* counts. Ms. Megan McGahey of ECT, Inc. spoke on the wet weather findings of the Lake St. Clair Regional Monitoring Project.

COMMITTEE/MEETING DATE

Health Services – August 7, 2008

RECYCLABLE PAPER

RESOLUTION NO. _____

FULL BOARD MEETING DATE: 8/14/08

AGENDA ITEM: _____

MACOMB COUNTY, MICHIGAN

RESOLUTION TO receive and file the Status Report on the Prosecutor's Environmental Unit for July, 2008, as submitted by Luanne Laemmerman

INTRODUCED BY: Philis DeSaele, Chairman, Health Services Committee

COMMITTEE/MEETING DATE
Health Services 8/7/08

PROSECUTOR'S ENVIRONMENTAL UNIT REPORT

Submitted by Luanne Laemmerman

July 2008

CIVIL CASES:

See table attached.

C.K. Corp v City of Centerline and Macomb County Health Department – working with counsel for Centerline and Corporate Counsel on defense strategy. Macomb County Circuit Court.

CRIMINAL CASES:

People v Flansburgh – Defendant failed to pay third installment of restitution to Macomb County Lake/River Fund. MCPO sent letter to Defendant on 6/12/08 – no response. Court notified of Defendant's failure to pay restitution on 7/1/08.

People v Charles A. Karam – MDEQ/OCI referral. Failure to obtain seawall construction permit. Warrant authorized – awaiting court date. 42-2.

People v Patrick J. Marlow – MDEQ/OCI referral. Unauthorized construction of seawall and improper dredging during seawall construction. Warrant authorized – awaiting court date. 42-2.

People v Kenneth Lerash – MCHD referral. Violation of County Health Regulations for failure to correct septic system. Arraignment/Pretrial Aug 20, 2008, 42-2.

People v Gerard R. Koval – MCHD referral. Violation of County Health Regulations for failure to correct septic system. Arraignment Aug 13, 2008, 41B.

People v Daniel Williams – MASH/Marine Division referral. Water Pollution Violation and Dumping Oil from Boat. Warrant authorized – awaiting court date. 42-2.

People v Scott A. Burnett – MASH referral. Knowing Release of Hazardous Substance, General violation of Liquid Industrial Waste and Improper Disposal of Used Oil. Warrant authorized – awaiting court date. 41B.

MEETINGS ATTENDED ON BEHALF OF COUNTY:

7/8/08 – Water Quality Board

7/10/08 – Attended Workshop regarding Collaborative Solutions for Reducing Phosphorus in Urban Watersheds, MSU.

7/23/08 – Environmental Crimes Task Force meeting

Monthly Narrative: Authorized warrants on several new environmental cases. Continued work with MCHD to determine status of all outstanding SWIM team cases and developed actions for appropriate personnel. Continued assistance to Sheriff's Department/Marine Division regarding enforcement of barge and sunken vessel removal. Reviewed Sheriff's Department report

regarding gasoline spill in preparation for warrant authorization request. Attended Workshop regarding reducing phosphorus in urban watersheds. Participated in Environmental Crimes Task Force Meeting – discussed Lake St. Clair issues with USCG personnel.

Continued coverage at District Court/general criminal docket.

Future Plan: Discuss/present issues from phosphorus workshop to Water Quality Board. Continue research into appropriate agency authority over barges on LSC.

Evaluate preparation and tailoring of environmental training for local law enforcement to Macomb County, including potential individual training at local stations. Continue enforcement of outstanding SWIM team cases. Continue to explore ways to facilitate transfer of cases to Environmental Prosecutor. Continue to pursue designation as Special Asst. Attorney General with AG's office. Personally meet with Macomb County police chiefs to encourage environmental awareness and enforcement. Meet with City/Township Attorneys to coordinate enforcement and promotion of environmental cases. Participate in educational programs to facilitate healthy lawn care.

Macomb County Health Dept/EHS Open Cases

07/28/08

Date Referred to Prosecutor	Civil Division/ Street	Violation	Referral Source	Issue/Status
3/28/05	Clinton Twp/ Cass Avenue	Section 3.1 & 3.4 Sewage Code	MCHD SWIM Team	Sanitary waste plumbed to storm drain discovered 1/03 through dye test. Complaint filed 12/05. Order of Consent Judgment issued 12/19/05. No compliance with Order. Letter to owner on 10/30/07 to pursue proper connection in order to avoid enforcement of Consent Order. Second letter to owner on 11/26 to contact Clinton Twp Water & Sewer Dept by 12/7 to avoid enforcement. Owner contacted Clinton Twp as directed. MCPO contacted by owner's attorney. Owner and/or attorney unresponsive. MCHD verifying alternative corrective action for property.
12/28/05	Fraser/ 14 Mile Rd	Section 3.1 & 3.4 Sewage Code	MCHD SWIM Team	Failing septic system. Complaint filed 9/1/06. Order to show cause 9/25/06 – no show. Bench warrant 9/06. Case dismissed by A. Jacklyn 6/13/07 - defendant allegedly complied with sewer connection/started work. MCHD confirmed that connection not made as of 10/24/07. House sold on 12/19/06 - no POS conducted because purchased through foreclosure. 30-day letter sent to new owner on 12/26/07; no compliance, formal citation sent by MCHD on 3/5/08. Enforcement letter sent 4/25/08, correction by 6/15/08; owner currently getting repair estimates; owner trying to get permission to tie into neighboring sanitary lines.
2/15/06	Clinton Twp/ Elmway Rd	Section 3.1 & 3.4 Sewage Code	MCHD SWIM Team	Illicit connection. Property transferred to new owner who paid sewer tap and frontage fees. Enforcement letters sent to property owner. Connection to sanitary sewer allegedly begun as of 7/2/07 according to A. Jacklyn. Certificate of occupancy to be withheld until home is connected to sanitary sewer. No action until owner applies for Certificate of Occupancy from Building Dept.
7/15/04	Lenox Twp/ 31 Mile Rd	Section 3.1 & 3.4 Sewage Code	MCHD SWIM Team	Failing septic; citation 7/05; Consent Order 1/06 – repair to be complete by 6/06; no compliance; owner trying to get loan. Message left for owner to call Environmental Prosecutor on 10/31/07. No action by owner to date. Correspondence sent to owner on 1/8/08 to meet with MCHD and MCPO by 1/31/08 to develop schedule of compliance or enforce consent order. Agreement made on 1/24/08 with owner to complete repairs by 6/15/08 and to minimize water usage. Final enforcement letter sent by MCPO on 6/3/08 due to lack of cooperation. MCPO authorizing warrant. See Criminal Cases.
3/07	Clinton Twp/ Little Rd	Section 3.1 & 3.4 Sewage Code	MCHD SWIM Team	Malfunctioning septic system found 4/06. Citation 6/06. Hazard Abatement Affidavit necessary due to site conditions. Owner failed to pursue final permitting. Letter sent from MCPO to owner on 3/9/07 – no compliance. Correspondence sent to owner on 1/7/08 to meet with MCHD and MCPO regarding options. Agreement made on 1/24/08 with Owner to complete repairs by 6/15/08 and to minimize water usage. Correspondence to owner on 4/18/08 re: failure to comply with agreement – file civil or criminal complaint if no cooperation. MCPO authorizing warrant. See Criminal Cases.
	Chesterfield Twp/ Fairchild	Section 3.1 & 3.4 Sewage Code	MCHD SWIM Team	MCPO to manage file – house currently unoccupied; bank informed of standing violation.
8/14/07	Lenox	Section 3.1 & 3.4 Sewage Code	MCHD SWIM Team	Failing septic; wastewater is discharging to the roadside ditch. Owner has not responded to letters regarding alternate septic installation locations. Enforcement letter sent 8/23/07. MCHD confirmed that home owned by the bank; no active discharge; MCHD sent notification letter to bank of standing violation on 12/21/07.
4/2/08	Clinton Twp/North Ave	Section 3.1 & 3.4 Sewage Code	MCHD SWIM Team	Failing septic; citation to owner 3/20/06; sanitary sewers available for connection; owner claiming hardship; Enforcement letter/proof of hardship sent by MCPO 4/17/08; foreclosure proceedings in process – no enforcement of violation.
4/15/08	Warren/Van Dyke	Section 3.1 Sewage Code	MCHD SWIM Team	Discharge of sewage to storm drain; Notice of Violation from Warren 12/4/06; MCHD citation sent 3/7/08; no response from owner; letter from MCPO ordering correction by 6/9/08; Cease and Desist Order by City of Warren on 5/9/08 – returned undeliverable; owner verbally warned by MCPO on 7/8/08 to proceed with correction within

Macomb County Health Dept/EHS Open Cases

07/28/08

Date Referred to Prosecutor	Civil Division/ Street	Violation	Referral Source	Issue/Status
				one week or face escalation of enforcement. Water turned off by City of Warren on 7/17/08.
4/1/08	Warren/ Mound	Section 3.1 Sewage Code	MCHD SWIM Team	Discharge of sewage to storm drain; citation sent 11/13/07; no response from owner; letter from MCPO ordering correction by 6/9/08; Cease and Desist Order by City of Warren on 5/9/08; contract is in place for repairs – start date of 7/22/08. Start date changed to 7/29/08 – MCPO to monitor progress.
5/29/08	Harrison Twp/ Pineridge	undetermined	MCHD SWIM Team	Complaint received by MCHD 4/08; dye test attempted 4/08; three letters requesting access to dye test sent 4/08-5/08; case referred to MCPO; letter to owner from MCPO directing contact with MCHD to schedule inspection 6/08; owner complied 6/08.
7/2/08	Shelby Twp/ Barclay	undetermined	MCHD SWIM Team	Complaint received by MCHD 5/08; dye test attempted 5/08 – no entry granted; two letters requesting access to dye test sent 5/08-6/08; case referred to MCPO 7/08. Letter sent 7/16/08 to schedule inspection by 7/23/08 or search warrant will be served.
7/2/08	Lenox Twp/ Gratiot	Section 3.1, 3.4 & 3.6 Sewage Code	MCHD SWIM Team	Complaint received by MCHD 8/07; dye test confirmed illicit discharge 9/07; two violation letters sent by MCHD 9/07-11/07; order to connect to sanitary sewer sent by MCHD 1/08; Citation issued for lack of compliance 3/08; various contact with property owner 3/08-6/08; no progress on connection as of 6/08; case sent to MCPO 7/08. Letter to owner sent on 7/16/08 ordering connection by 8/15/08.

Key: bold text indicates latest activity.

RECYCLABLE PAPER

RESOLUTION NO. _____

MEETING DATE: _____

AGENDA ITEM: _____

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Receive and file the Surface Water Improvement and Monitoring (SWIM) Team report for June 2008.

INTRODUCED BY: Commissioner Philis DeSaele, Chairperson, Health Services Committee

The June 2008 Surface Water Improvement and Monitoring (SWIM) Team report summarizes surface water monitoring, bathing beach monitoring, investigatory and educational activities of the SWIM Team for the month of June 2008.

COMMITTEE/MEETING DATE

Health Services – August 7, 2008

**MACOMB COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES DIVISION
SURFACE WATER IMPROVEMENT AND MONITORING "SWIM" TEAM
MONTHLY REPORT JUNE 2008**

Mission: Monitoring, educational, investigatory and enforcement activities toward achieving the goal of all Macomb County surface waters being in compliance with full body contact standards.

Surface Water Monitoring: 61 sampling locations were monitored this month for *E. coli* indicator bacteria. The monitoring for June 2008 indicates that 41% of the sampling locations show improvement over the historical June data. See the attached data summary.

Bathing Beach Monitoring: Monitoring for the 2008-bathing season resumed April 16, 2008 for Blossom Heath Beach and Memorial Park Beach in St. Clair Shores, Metropolitan Beach in Harrison Township, New Baltimore Beach in New Baltimore and the two inland beaches at Stony Creek Metro Park in Washington Township. Beaches are monitored twice weekly for compliance with the Total Body Contact Standards contained in Part 125 of the Michigan Public Health Code (P.A. 368, 1978).

Monitoring for the Month of June 2008 (Beaches officially opened Memorial Weekend)

() No Closures at any Beaches.

(X) Closures at the following Beaches:

	<u>Days Closed</u>	<u>Yearly Total</u>
() New Baltimore Park	0	0
() Metro Beach Metro Park	0	0
(X) SCS Memorial Park	20	20
(X) SCS Blossom Heath Park	14	15
() Stony Creek Baypoint	0	0
() Stony Creek Eastwood	0	0

SWIM Team Investigations:

	<u>June 2008</u>	<u>Year-To-Date</u>
Investigations Initiated	35	74
Cases Referred to Prosecutors Office	0	8
Investigations Resolved		56
Open Cases Year to Date: 2008	18	
Open Cases from 2007	14	
Open Cases from 2006	8	
Open Cases from 2005	6	
Open Cases from 2004	4	
Open Cases from 2003	5	
Open Cases from 2002	0	
Open Cases from 2001	1	

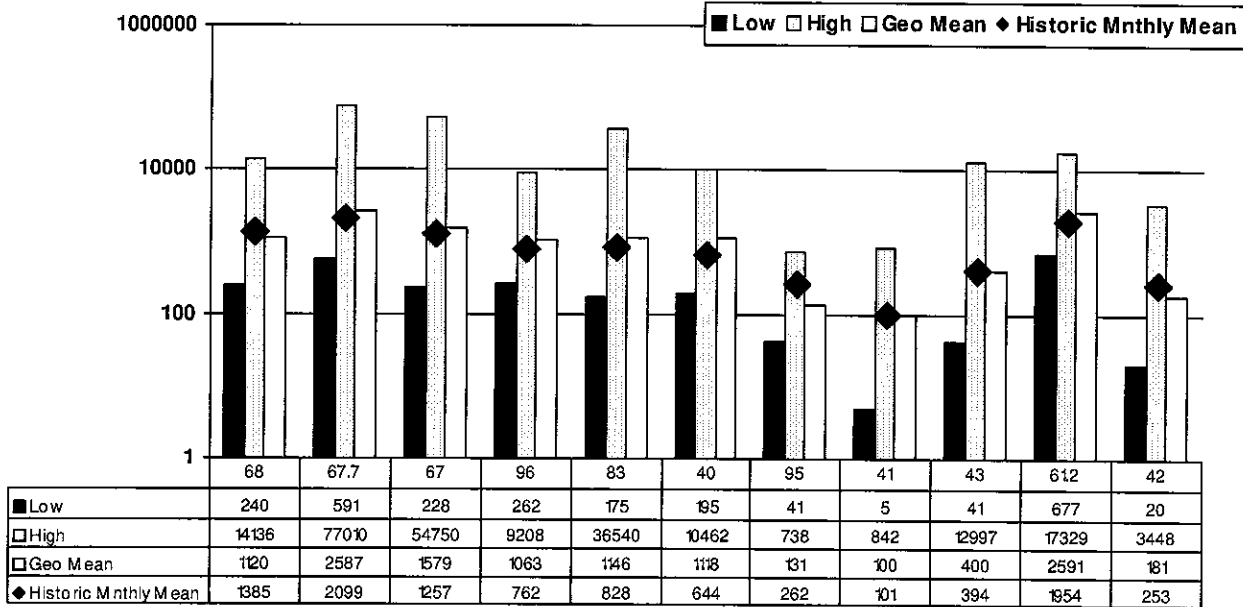
*Investigations are initiated by citizen complaint, municipal referral or as an outcome of water quality monitoring results.

Facility Dye Testing Grants:

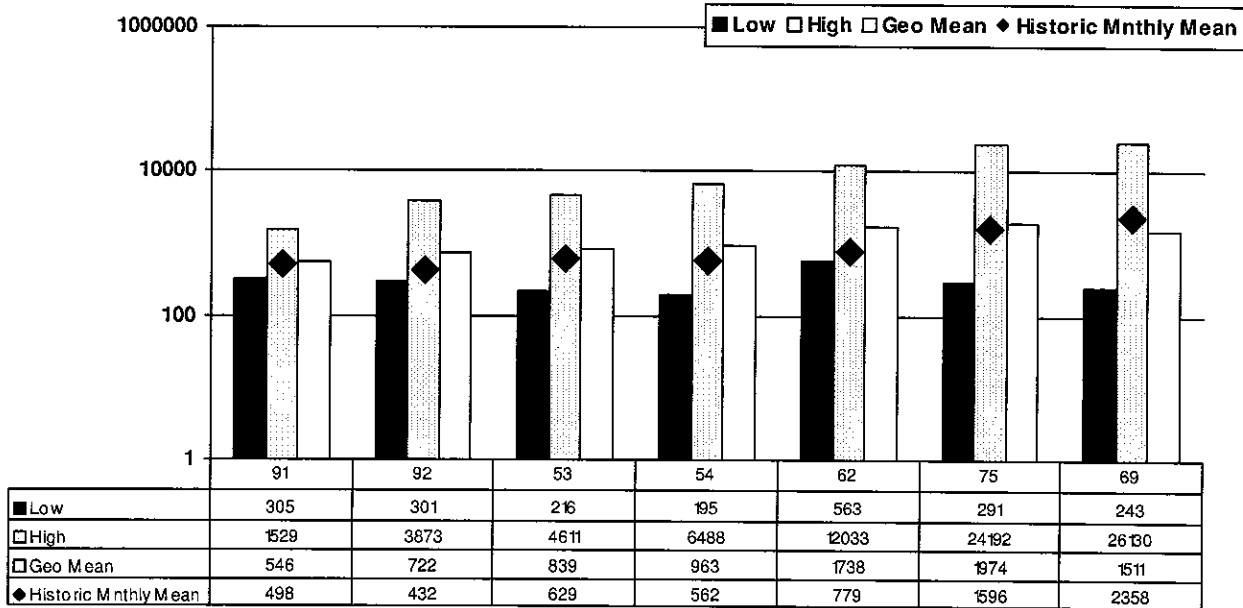
During the first six months of 2008, 357 industrial, institutional, residential and commercial buildings were dye tested as part of the dye testing grants in Warren, Center Line, Fraser, Roseville, Eastpointe and St. Clair Shores. A total of 25 illicit connections were identified. Approximately 7% of the buildings tested have had an illicit connection of some type.

**Macomb County Health Department
Environmental Health Services Division
Monthly Compare Results
6/1/2008 -6/30/2008**

Clinton River Main Branch Watershed-EAST

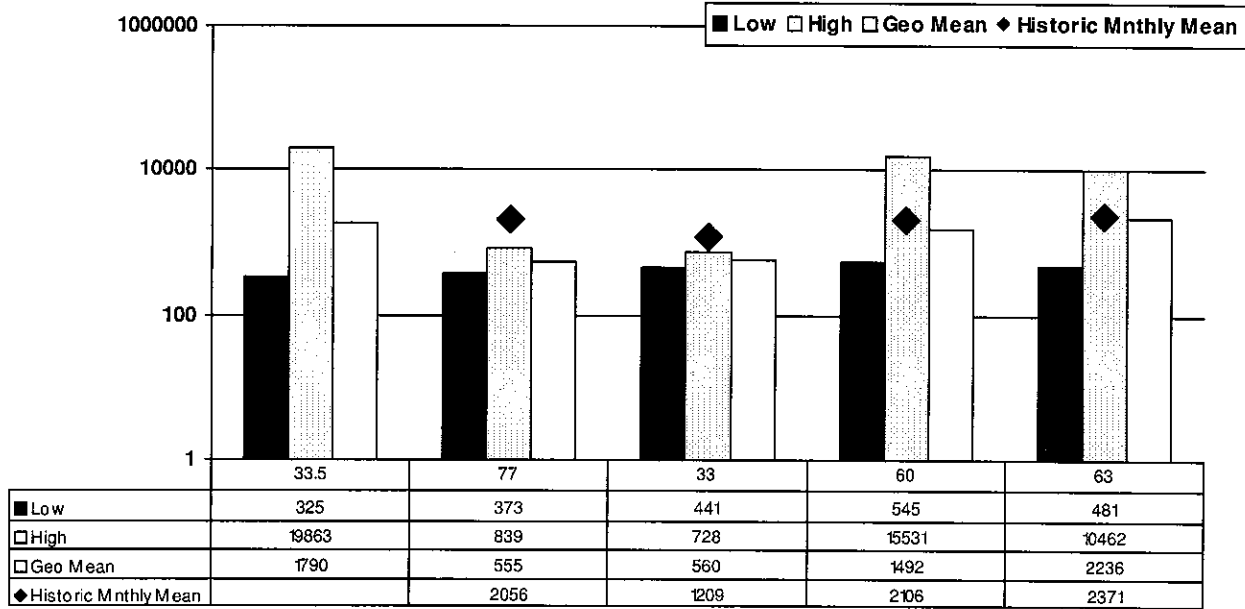


Clinton River Main Branch Watershed-WEST

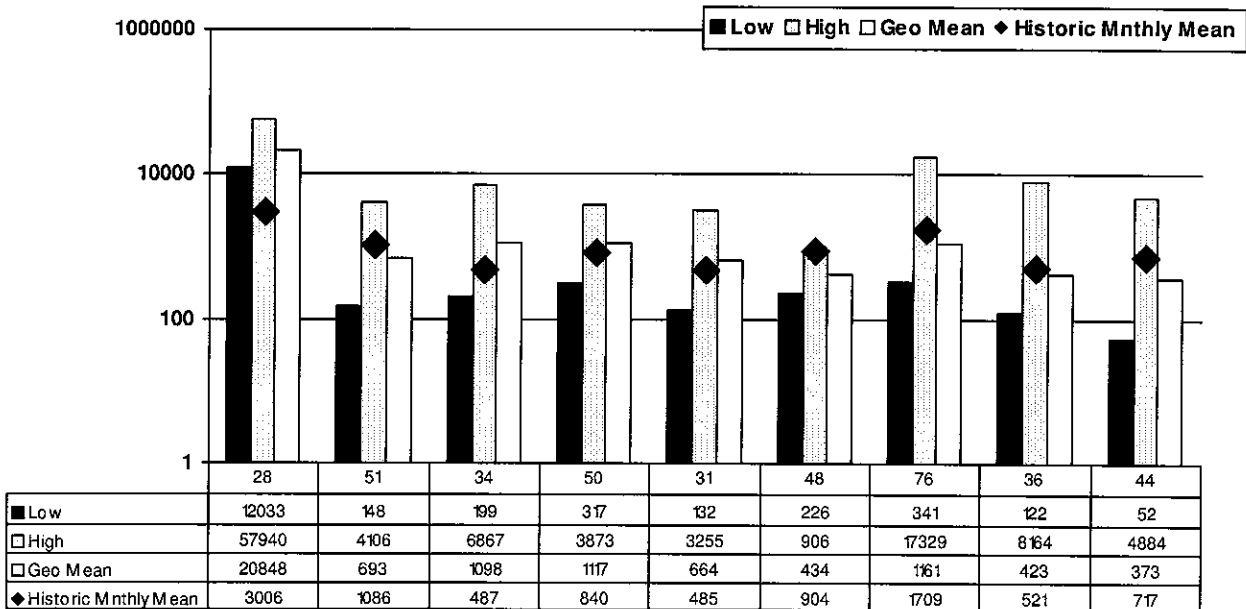


**Macomb County Health Department
Environmental Health Services Division
Monthly Compare Results
6/1/2008 -6/30/2008**

Clinton River Middle Branch Watershed

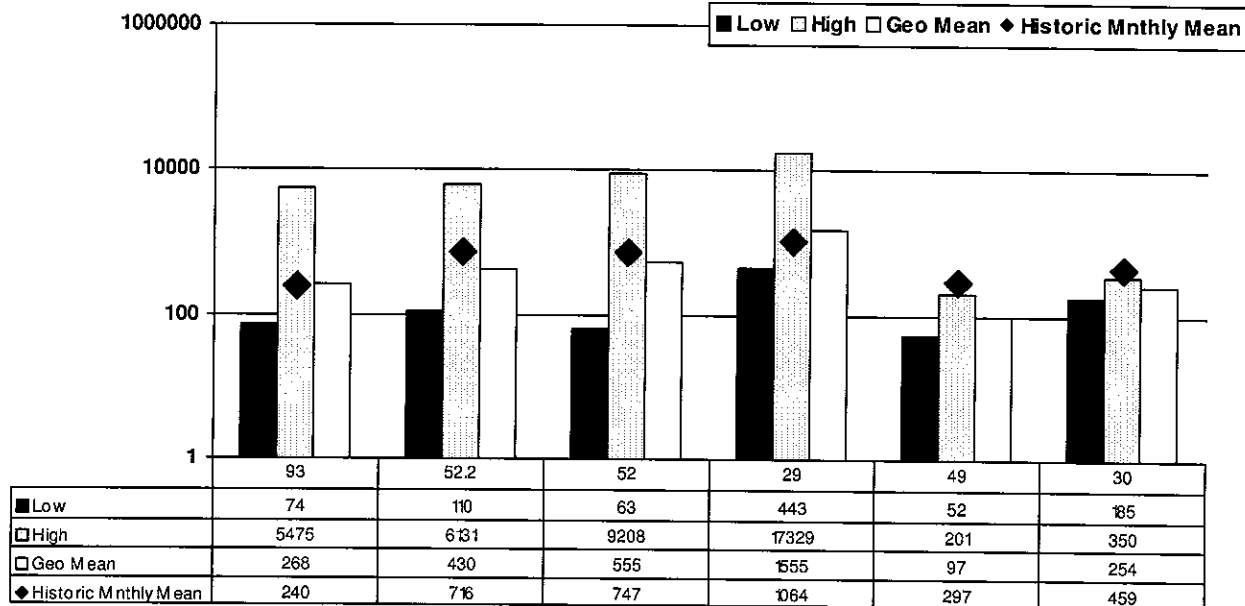


Clinton River North Branch Watershed-EAST

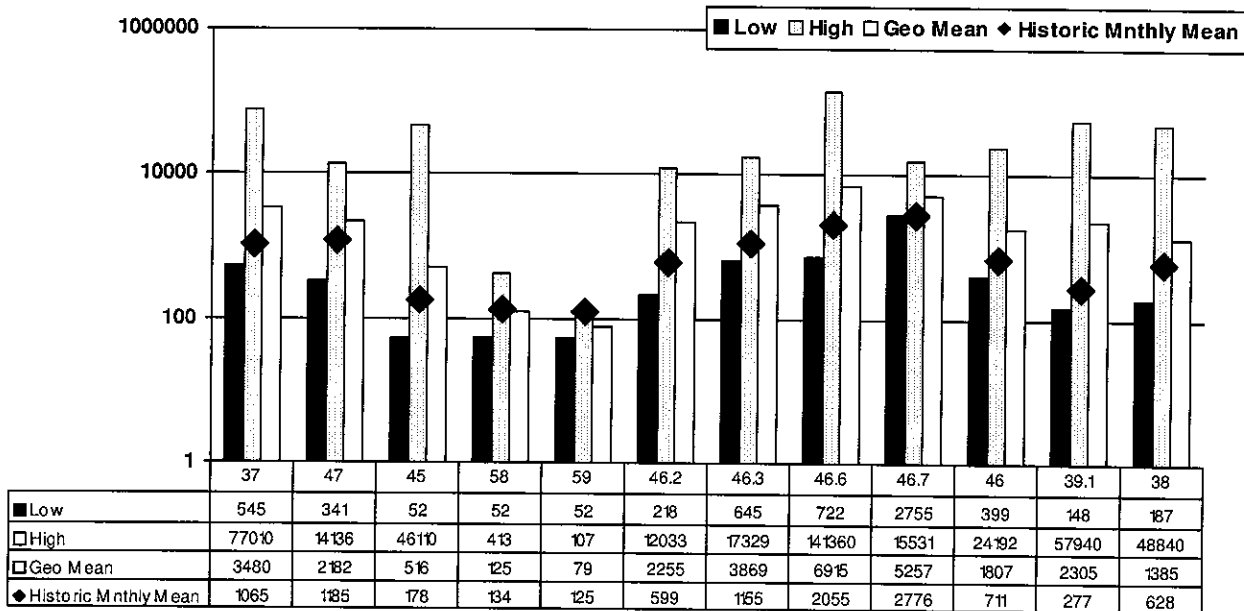


**Macomb County Health Department
Environmental Health Services Division
Monthly Compare Results
6/1/2008 -6/30/2008**

Clinton River North Branch Watershed-WEST

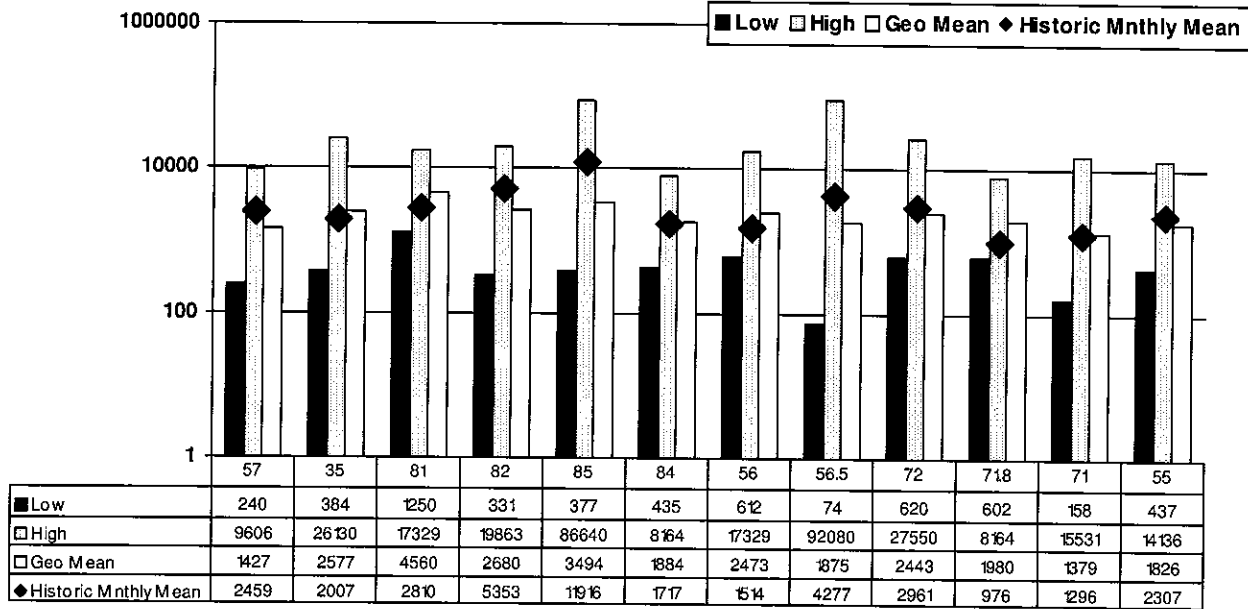


Other: Salt River, Milk River, Crapauo Creek



**Macomb County Health Department
Environmental Health Services Division
Monthly Compare Results
6/1/2008 -6/30/2008**

Red Run Drain/Bear Creek Watershed



**MACOMB COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES DIVISION
SURFACE WATER IMPROVEMENT AND MONITORING
"SWIM" TEAM
MONTHLY REPORT FOR JUNE 2008**

SWIM TEAM INVESTIGATIONS

<u>Municipality</u>	<u>Jun-08 Investigations Initiated</u>	<u>Jun-08 Year To Date</u>
Armada TWP	0	0
Armada Village	0	1
Bruce	0	0
Center Line	0	0
Chesterfield	0	1
Clinton	2	11
Eastpointe	0	0
Fraser	0	0
Harrison	24	28
Lenox	1	1
Macomb	0	0
Memphis	0	0
Mt. Clemens	0	0
New Baltimore	0	0
New Haven	0	1
Ray	0	1
Richmond TWP	0	1
Richmond City	0	0
Romeo	0	1
Roseville	0	1
St. Clair Shores	0	0
Shelby	6	23
Sterling Heights	1	2
Utica	0	1
Warren	1	1
Washington	0	0
Total #	35	74

Macomb County Health Department
Environmental Health Services Division
Retention Basin/Combined Sewer/Sanitary Sewer Overflows
For the dates 6-1-08 through 6-30-08

Start	Start Time	End	End Time	Hours	Gallons	Receiving Water	Meets NPDES	Precipitation	Type
CHAPATON RTB									
6/28/2008	5:00	6/28/2008	19:00	14.00	72,030,000	LAKE ST. CLAIR	Y	0.52	CSO-T
SubTotals for CHAPATON RTB				14.00	72,030,000			0.52	
FRASER									
6/10/2008	9:15	6/10/2008	12:05	2.83	191,427	SWEENEY DRAIN	N	0.77	SSO
6/26/2008	18:15	6/26/2008	19:30	1.25	16,689	SWEENEY DRAIN	N	0.75	SSO
6/28/2008	5:00	6/28/2008	12:45	7.75	30,812	SWEENEY DRAIN	N	1.00	SSO
SubTotals for FRASER				11.83	238,928			2.52	
MARTIN RTB									
6/28/2008	7:30	6/28/2008	18:45	9.50	18,440,000	LAKE ST. CLAIR	Y	1.8	CSO-T
SubTotals for MARTIN RTB				9.50	18,440,000			1.8	
MILK RIVER RTB									
6/28/2008	11:00	6/28/2008	13:13	3.37	26,600,455	LAKE ST. CLAIR	Y	2.32	CSO-T
SubTotals for MILK RIVER RTB				3.37	26,600,455			2.32	
SOCSDS RTB									
6/3/2008	21:42	6/3/2008	23:35	1.70	5,000,000	RED RUN DRAIN	Y	0.9	CSO-T
SubTotals for SOCSDS RTB				1.70	5,000,000			0.9	
Total all locations				26.40	122,309,383				

5 HIGHEST *E. COLI* SURFACE WATER SAMPLING SITES
(June, 2008)

Sample #		Location	<i>E. coli</i> /100 mL (Geo Mean)
1	28	East Branch Coon Creek at Bordman Road	20,848
2	46.6	Vanderverne Drain at Fox Pointe	6,915
3	46.7	Crapeau Creek at Ashley Street	5,257
4	81	Bear Creek at Mound Road	4,560
5	46.3	Crapeau Creek at County Line Road	3,869

**MACOMB COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES DIVISION
SURFACE WATER IMPROVEMENT AND MONITORING "SWIM" TEAM
SURFACE WATER SAMPLING SITES**

Sample #	Location
Clinton River Main Branch Watershed - EAST	
68	Clinton River at Moravian Road Bridge
67.71	Sweeney Drain at 15 Mile Road
67	Harrington Drain at Harrington Road
96	Clinton River Spillway at Shadyside Park Bridge
83	Clinton River at Mt. Clemens YMCA Dock
40	Clinton River at I-94
95	Clinton River at Albatross Docks
41	Clinton River at DNR Site
43	Clinton River Spillway at the Weir
61.2	Clinton-Harrison Relief Drain at Shook Road
42	Clinton River Spillway at Jefferson Avenue
Clinton River Main Branch Watershed - WEST	
91	Stony Creek at Inwood Road
92	Stony Creek West Branch at Stony Creek Road
53	Clinton River at Dequindre Road
54	Clinton River at Auburn Road
62	Clinton River at Kleino Road
75	Clinton River at Garfield Road
69	Canal Drain at Clinton River Road
Clinton River Middle Branch Watershed	
33.5	Middle Branch Clinton River at Schoenherr Road
77	Healy Brook Drain at Romeo Plank Road
33	Middle Branch Clinton River at 25 Mile Road
60	Middle Branch Clinton River at 21 Mile Road
63	Middle Branch Clinton River at Heydenreich Road
Clinton River North Branch Watershed - EAST	
51	East Branch Coon Creek at North Avenue
34	Highbank Drain at 32 Mile Road
50	East Branch Coon Creek at 30 Mile Road
31	East Branch Coon Creek at 26 Mile Road
48	Deer Creek at North Avenue
76	McBride Drain at Card Road
36	North Branch Clinton River at 21 Mile Road
44	North Branch Clinton River at Little Street
28	East Branch Coon Creek at Boardman Road
Clinton River North Branch Watershed - WEST	
93	East Pond Creek at 33 Mile Road
52.2	East Pond Creek at M-53
52	East Pond Creek at Powell Street
29	North Branch Clinton River at Boardman Road
49	North Branch Clinton River at 29 Mile Road
30	North Branch Clinton River at 26 Mile Road

**MACOMB COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES DIVISION
SURFACE WATER IMPROVEMENT AND MONITORING "SWIM" TEAM
SURFACE WATER SAMPLING SITES**

Sample #

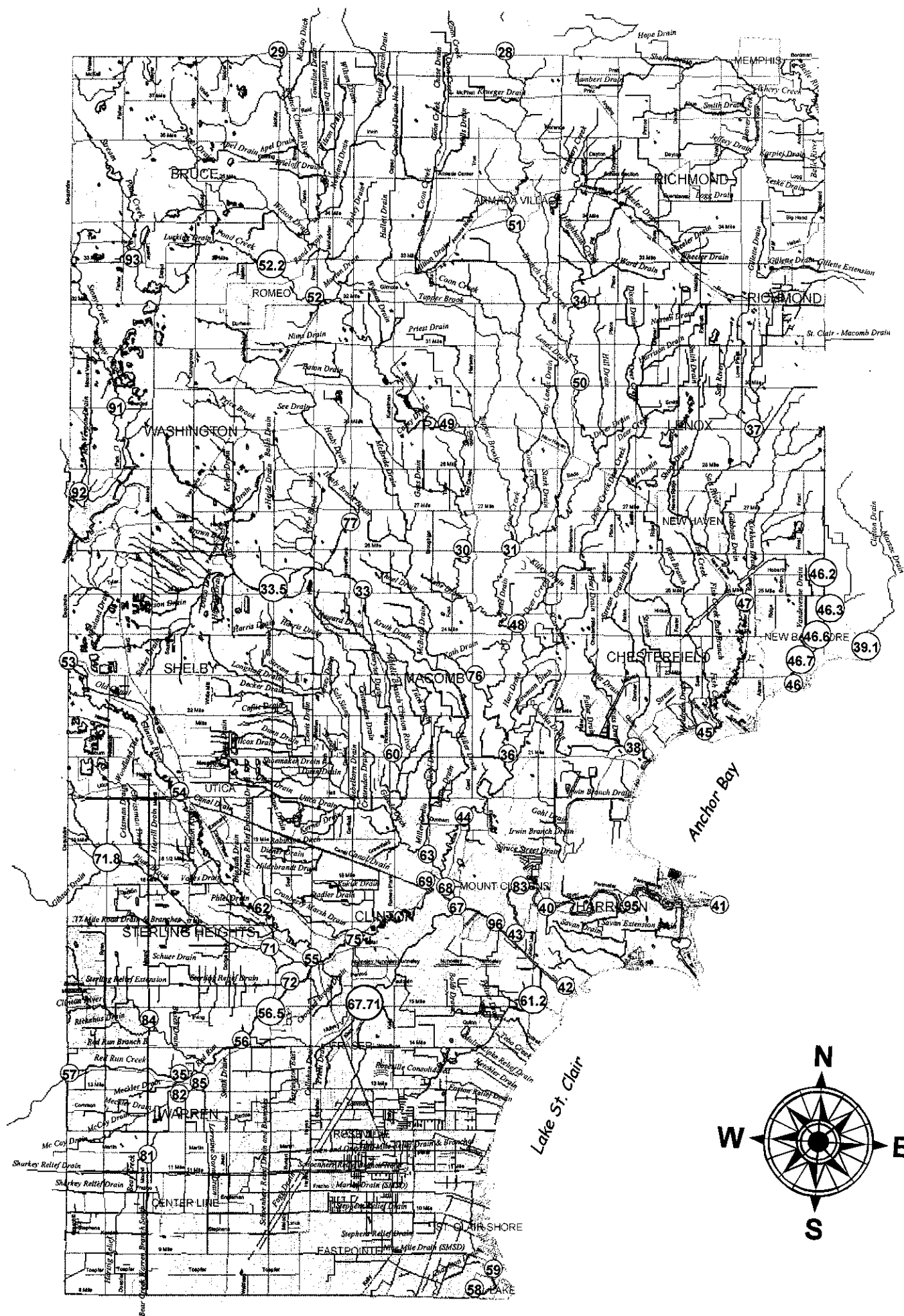
Location

Other: Salt River, Milk River, Crapeau Creek

37	Salt River at 29 Mile Road
47	Salt River at Washington Street
45	Salt River at Jefferson Avenue
58	Milk River at Alger Street
59	Milk River at Clairwood Street
46.2	County Line Road Drainage Ditch at Hobarth Road
46.3	Crapeau Creek at County Line Road
46.6	Vanderbenne Drain at Fox Point Street
46.7	Crapeau Creek at Ashley Street
46	Crapeau Creek at Main Street
39.1	Marsac Drain at M-29
38	River Voss at Jefferson Avenue

Red Run Drain/Bear Creek Watershed

57	Red Run Drain at Dequindre Road
35	Red Run Drain at Van Dyke Avenue
81	Bear Creek at Mound Road
82	Bear Creek at Old 13 Mile Road
85	Lorraine Drain at Bear Creek
84	Beaver Creek at Mound Road
56	Red Run Drain at 14 Mile Road
56.5	Schoenherr Relief Drain at Red Run Drain
72	Sterling Relief Drain behind Freedom Hill Park
71.8	Plumbrook Drain at Ryan Road
71	Plumbrook Drain at Schoenherr Road
55	Red Run Drain at Utica Road



RECYCLABLE PAPER

RESOLUTION NO. _____

MEETING DATE: _____

AGENDA ITEM: _____

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Authorize the Health Department to go out on bid for professional services pursuant to a current Michigan Department of Environmental Quality (MDEQ) water quality monitoring grant

INTRODUCED BY: Commissioner Philis DeSaele, Chairperson, Health Services Committee

In July, 2007, the Board authorized the Health Department to accept a grant in the amount of \$250,000.00 from the MDEQ to support the Drinking Water Protection Project and related activities. Under the terms of that grant, one of the project "deliverables" was "a written strategic plan for creating a regionally-oriented governance structure and financing mechanism for the real-time monitoring, notification/alarm, and data archiving and retrieval system". (This is substantially the plan which we anticipate will be recommended in the Blue Ribbon Commission II Report when it is released in September.)

To develop the plan, it will be necessary to 1) review the various State statutes under which regional arrangements of this type can be created; 2) determine how the participating governments in the region will wish the governance body to look in terms of membership, executive authority, voting rights, etc.; and 3) determine what financing arrangements the participating governments in the region will regard as equitable and viable.

The Health Department requests Board authorization to work with the Purchasing Department in developing a Request for Proposals so we can hire the best-qualified firm to carry out this work. Funding is available in the DEQ grant.

Health Services --- August 7, 2008

RECYCLABLE PAPER

RESOLUTION NO. _____

MEETING DATE: _____

AGENDA ITEM: _____

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Authorize extension of Environmental Consulting & Technology's existing contract for the Drinking Water Protection Project through September 30, 2009

INTRODUCED BY: Commissioner Philis DeSaele, Chairperson, Health Services Committee

In February 2005, the Board authorized the Health Department to act as fiduciary and lead department for an anticipated Federal grant for water quality monitoring in the St. Clair River and Lake St. Clair. In September 2005, the Board allocated \$300,000 as Macomb County's portion of the cash match required for the grant; and in May 2006, the Board authorized the Health Department to accept a U.S. EPA grant totaling \$962,200.00 for a real-time Drinking Water Protection Project at water treatment plants in Macomb and St. Clair Counties. In September of that year, following a lengthy competitive bid process, a contract in the amount of \$589,649.00 was awarded to Environmental Consulting & Technology (ECT) to act as Project Manager.

Within the same time frame, the Michigan Department of Environmental Quality (MDEQ) received funding of similar magnitude from the U.S. Department of Homeland Security for an identical project at water treatment plants in Macomb and Wayne Counties. The two projects agreed to use essentially the same equipment, protocols, and procedures; and following the State's process, MDEQ also hired ECT as Project Manager.

St. Clair County, municipalities operating the various water treatment plants, and the State of Michigan have all joined Macomb County in making significant contributions to this groundbreaking and innovative effort. The State of Michigan has awarded Macomb County a third \$250,000 grant (Board acceptance authorized in June of this year) for use in conjunction with local County and municipal support to continue, expand, and smoothly link the entire Huron-to-Erie Corridor system, now encompassing 13 water treatment plant intakes from Port Huron to Wyandotte (7 in St. Clair County, 2 in Macomb County, and 4 in Wayne County).

ECT has installed all the equipment in all 13 plants, and is currently working to resolve issues encountered in the most sophisticated equipment, the five gas chromatograph/mass spectrometers. The EPA, the DEQ, and the water treatment plant operators all agree that for continuity and efficiency, ECT should continue in the role it has been playing for the past several years.

Board authorization is requested for continuation of ECT's Project Manager contract for operation, maintenance, and administrative activities for the Drinking Water Protection Project in an amount not to exceed \$419,150.00. No additional Macomb County funds will be required.

Health Services --- August 7, 2008

RECYCLABLE PAPER

RESOLUTION NO. _____

MEETING DATE: _____

AGENDA ITEM: _____

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Receive and file a progress report from Macomb County Animal Shelter

INTRODUCED BY: Commissioner Philis DeSaele, Chairperson, Health Services Committee

The latest activities at the Macomb County Animal Shelter will be discussed.

Health Services --- August 7, 2008

